

Title (en)

Calibrating method for a incremental displacement measuring device used in actuators for clutches closed by pressure and actuator of this kind.

Title (de)

Verfahren zum Abgleichen einer Inkrementalwegmesseinrichtung in einer Betätigungsvorrichtung einer zugeführten Kupplung sowie Betätigungsvorrichtung

Title (fr)

Procédé pour calibrer un dispositif de mesure de déplacement incrémental utilisé en actionneur d'embrayage fermé par pression et un tel actionneur.

Publication

EP 1612446 A1 20060104 (DE)

Application

EP 05012849 A 20050615

Priority

DE 102004031481 A 20040630

Abstract (en)

The method involves using an incremental sensor (42) to detect the position of the actuator (10,12, 14) which is connected to a master piston (16). The force which the actuator requires to move the master piston is detected, the output signal of the incremental sensor is detected at the time when the force suddenly changes when the master piston moves over the snifting bore (34) and the output signal of the sensor at this sudden change is then fixed as the new reference signal. An independent claim is included for an actuating device for depressed clutch with electric motor for moving master piston, an incremental sensor (42) for detecting the rotation of the spindle and a compensation spring (38) and a control device (44) for detecting the power pick-up of the motor when the master piston is moved. A memory device stores the signal of the incremental sensor at the sudden change in the power pick-up.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] DE 10308719 A1 20031023 - LUK LAMELLEN & KUPPLUNGSBAU [DE]
- [DA] DE 4433825 A1 19960404 - FICHTEL & SACHS AG [DE]
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